

PATENT

In the claims:

Cancel claims 1 to 5.

Add the following new claims:

6. (New) A laser beam receiver for receiving a scanning laser, comprising an optical member, and a photodetecting means including a plurality of photodetectors; wherein the photodetectors are arranged on a line substantially perpendicular to a scanning direction in which the laser beam moves for scanning, the optical member is disposed in front of the photodetectors, expands the laser beam in a direction crossing the photodetectors and its capable of diffusing the expanded laser beam such that the shape of the expanded laser beam is maintained.
7. (New) A laser beam receiver for receiving a scanning laser according to claim 6, wherein the receiving means for receiving an expanding laser beam comprising two light receiving elements arranged on a line perpendicular to a scanning direction and two light receiving elements are divided into two sections.
8. (New) A laser beam for receiving a scanning laser according to claim 6, wherein an optical member for expanding a scanning laser light in the scanning direction is the lenticular lens and the diffusing part is formed on the optical member for diffusing the transmitted laser light.
9. (New) A laser beam receiver for receiving a scanning laser according to claim 6, wherein a fluorescent material is contained in an optical member instead of the diffusing part.